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Read-copy-update

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## **Read-Copy Update** [Mutual Exclusion for Linux](#)

**Read-Copy Update** is one such mutual exclusion method where readers (threads trying to access, but not modify the data) can access the shared data without ...

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## **Read Copy Update** [HOWTO](#)

This HOWTO is a concise guide to the **Read-Copy Update** mutual exclusion mechanism in the Linux kernel. Table of Contents; 1. Copyright and Legal Notice; 2. ...

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## **Read-copy-update** - [Wikipedia, the free encyclopedia](#)

**Read-copy-update** (RCU) is an operating system kernel technology for improving performance on computers with more than one CPU. It is also the topic of one ...

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## Paul E. McKenney: **Read-Copy Update** (RCU)

July 2006 "Extending RCU for Realtime and Embedded Workloads" with Dipankar Sarma, Ingo Molnar, and Suparna Bhattacharya at OLS'2006, and corresponding ...

www.rdrop.com/users/paulmck/RCU/ - 10k - [Cached](#) - [Similar pages](#)

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Just as bad for **read-copy update**. – Drop locks, and whole world can change! ..... **Read-Copy Update**, Slow Version. No locks to access! ...

www.rdrop.com/users/paulmck/RCU/rclock.OLS.2001.07.22a.pdf - [Similar pages](#)

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Finally, **read-copy update** is less applicable to non- event-drive software, such as some CPU- .... tions are then cast into **read-copy-update** form, with ...

www.eecg.toronto.edu/~tornado/pubs\_tornado/ols2001.pdf - [Similar pages](#)

## **Read-copy-update** for realtime [\[LWN.net\]](#)

Sep 26, 2006 ... One of those changes is a reworking of the **read-copy-update** mechanism for lower latencies; this work appears likely to go in regardless of ...

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### Using **read-copy-update** [LWN.net]

**Read-copy-update (RCU)** is a mutual exclusion technique which can operate without locking most of the time. It can yield significant performance benefits ...

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### Avoiding Locks: **Read Copy Update**

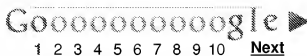
There is a special method of read/write locking called **Read Copy Update**. Using RCU, the readers can avoid taking a lock altogether: as we expect our cache ...

www.kernel.org/pub/linux/kernel/people/rusty/kernel-locking/x490.html - 11k - [Cached](#) - [Similar pages](#)

### **Read-Copy Update** - McKenney, Sarma, Arcangeli, Kleen, Krieger ...

Traditional operating system locking designs tend to either be very complex, result in poor concurrency, or both. These traditional locking designs fail to ...

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